

ABSTRACT

SYNTHESIS OF CHLORINATED PYRIMIDINES

The invention provides a process for synthesizing chlorinated pyrimidines. The process includes reacting imidoyl chloride compounds with phosgene (COCl_2). The imidoyl chloride compounds can be supplied as starting materials or can be produced by reacting organic amides with phosgene or reacting organic nitriles with hydrogen chloride. Phosgene may be replaced by equivalent reagents. The chlorinated pyrimidines, such as 4,6-dichloropyrimidine, can be used to synthesize other compounds useful in a variety of compositions, such as fungicides, pesticides, and pharmaceuticals.